

In the Claims:

Please amend claim 1 and add new claims 2-14, all as shown below. All pending claims are reproduced below, including those that remain unchanged. Marked up copies of the amended claims illustrating the changes are shown in the Appendix to this Response.

SJ
1. (Once Amended) A method to handle cookies in a response Web page requested by a client, the response Web page having a response header, the method comprising:

A)
generating a session id to identify a new session;

stripping off any cookies set by an external web site from the response header of the response Web page and storing the cookies in a repository;

appending the session id to all of the links embedded in the response page; and
sending the modified response page, with the new header, to the client.

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2. (New) A method for handling cookies for a client browser, comprising:

generating a unique session id in response to a request from a client browser;

removing any cookies from a response page for the request and storing the information in a cookie repository; and

appending unique session id to any URL in the response page before sending the response page to the client browser.

3. (New) A method according to claim 2, further comprising:

determining whether the client browser can accept cookies.

4. (New) A method according to claim 2, further comprising:

encrypting the session id.

5. (New) A method according to claim 2, further comprising:

 checking the request for an existing session id before generating a unique session id.

6. (New) A method according to claim 5, further comprising:

 retrieving a cookie from the cookie repository corresponding to the existing session id.

7. (New) A method according to claim 6, further comprising:

 generating a cookie header corresponding to the retrieved cookie.

8. (New) A method according to claim 7, further comprising:

 appending the cookie header to the request.

9. (New) A method according to claim 2, further comprising:

 sending the request to an external Web site corresponding to the request.

10. (New) A method according to claim 2, further comprising:

 setting a lifetime for the unique session id.

11. (New) A method according to claim 9, further comprising:

 dropping the information from the cookie repository when the lifetime expires.

12. (New) A method according to claim 2, further comprising:

determining whether the client browser has disabled cookies.

13. (New) A method according to claim 2, further comprising:

receiving the request from the client browser to a proxy server, the proxy server hosting the cookie repository.

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14. (New) A method for storing information for a client, comprising:

removing information from a document and storing that information in a repository on a proxy server;

appending an identifier to any link in the document and sending that document to the client, the identifier identifying the information being stored in the repository for the client.